

Neighborhoods Go Green!

A Curated Exhibit About Sustainability Beyond LEED® Buildings

The Opportunity

Join the U.S. Green Building Council in hosting a dynamic new exhibit about sustainable neighborhood design. This exhibit was designed to reach interested members of the public, design professionals, and local policymakers, and can be the stage for related events such as receptions, lectures and other educational programming.

How was the Exhibit Developed?

Co-curated by the Chicago Architecture Foundation (CAF) with Farr Associates and USGBC in the summer of 2010, the NGG! exhibit was presented for the first time in Chicago in CAF gallery space during the Greenbuild International Conference and Expo. While the exhibit content is primarily national, the exhibit also includes a panel challenging local policymakers and advocate



groups to incentivize and encourage LEED-ND projects.

What Does the Exhibit Cover?

The NGG! exhibit uses LEED-ND, a nationally-recognized standard for sustainable development projects, as a framework to discuss the key elements of a green neighborhood. The exhibit features text, photographs, and illustrations representing the features of a model green neighborhood, and showcases successful national and local projects. Today's popular culture often promotes sustainability with technological solutions, like light bulbs, hybrid cars, or green buildings. The Neighborhoods Go Green! Exhibit reveals the enormous potential of a whole neighborhood approach, and challenges visitors to think big.



The Regional Challenge

A critical element of the exhibit is the Regional Challenge, which will spark conversation among local stakeholders and ideally lead to commitment to meet a specific policy objective. For example, Chicago's Challenge is to have one LEED for Neighborhood Development project in each county in the state and for Chicago region agencies to commit to encouraging LEED-ND for future redevelopment projects. Each exhibit location will create its own Regional Challenge.

The Benefits of an Exhibit

The exhibit format – accessible, fresh, and eye-catching – is a unique way for USGBC and its partnering sponsors to broaden our audience base, reach local policymakers,

and build the momentum of a green neighborhood movement. Everyone has an immediate connection to the neighborhoods where they live or work, and the exhibit highlights the link between sustainability and the places we already know and love.

How Can You Support the Exhibit?

Join us in making Neighborhoods Go Green! a travelling exhibit:

- Sponsor the exhibit locally
- Help sponsor the NGG! exhibit series
- Promote the exhibit to your constituents and colleagues
- Offer your local LEED-ND project for a tour

Contact **Jeff Lovshin**,
Associate, Neighborhood
Development at USGBC to
get involved.
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Neighborhoods Go Green - Exhibit Panels

(As resized for Toronto exhibition, Oct. 2011)

NEIGHBOURHOODS GO GREEN!
SCALING UP SUSTAINABILITY

By thinking on a larger scale, we can reorganize the places where we live and work. This will dramatically reduce the impact of our lives on our neighbourhoods—and on planet Earth.

The U.S. Green Building Council, working in collaboration with architects, urban planners, builders, and environmentalists, has developed a national design standard for certifying green neighbourhoods. It is called LEED (Leadership in Energy and Environmental Design) for Neighbourhood Development.

This exhibition explores the design and certification of green communities.

Generous support for Neighbourhoods Go Green provided by:

Challenge Sponsor: WATERFRONTS, DOCKSIDE GREEN, DVA, The Planning Partnership, oxi|o|rio

Panel 1 - Intro

SELECTING A SMART SITE

The critical element of a green neighbourhood is the location and design of the site. This panel discusses how to choose a smart site that is walkable, transit-oriented, and integrated with the surrounding community.

Panel 2 - Smart Site

CREATING LIVELY PLACES

Every aspect of neighbourhood design—from layout to building materials—can affect the environment. This panel explores how to create lively, walkable places that are integrated with the surrounding community.

Panel 3 - Lively Places

INTEGRATING BUILDINGS AND INFRASTRUCTURE

Green buildings and infrastructure, when designed together, can save energy and reduce water use. This panel discusses how to integrate green buildings with the surrounding infrastructure.

Panel 4 - Green Building

LEED for Neighbourhood Development Rating System

LEED for Neighbourhood Development is a national design standard for certifying green neighbourhoods. This panel explains the rating system and how to achieve LEED certification.

Panel 5 - Rating System

BUILDING A GREENER TORONTO WATERFRONT

The Greater Golden Horseshoe Challenge is a call to action for the Greater Golden Horseshoe region. This panel discusses the challenges and opportunities of building a greener waterfront.

Panel 6 - Challenge

DESIGNING A MODEL GREEN NEIGHBOURHOOD

What does a LEED for Neighbourhood Development project look like? This rendering depicts a new neighbourhood constructed on largely vacant land in an existing transit-served community. Each element adheres to the three main categories in the LEED for Neighbourhood Development rating system: a smart site, compact design, and integration of green buildings and infrastructure.

GREEN NEIGHBOURHOOD ELEMENTS

- 1. Community garden
- 2. Bicycle racks
- 3. Pedestrian-friendly building
- 4. Parking located in the center of blocks or on-street
- 5. Walkable streets
- 6. Variety of residential unit types
- 7. Transit station
- 8. On-street parking
- 9. Residential building
- 10. Residential mixed building
- 11. Mixed-use
- 12. Public space
- 13. Building that meet the sidewalk
- 14. Street walls
- 15. Tree-lined streets
- 16. Residential mixed-use
- 17. Affordable apartments
- 18. Walkways
- 19. Building that meet the sidewalk
- 20. Green building
- 21. Green building and infrastructure
- 22. Previously developed sites

Panel 7 - ND Neighborhood Diagram

Dimensions: Panels 1-6 = 8'X'9' Panel 7 = 8'X10'

Brochure (Example - Chicago Exhibit)

CHICAGO ARCHITECTURE FOUNDATION

NEIGHBORHOODS GO GREEN! SCALING UP SUSTAINABILITY

- ➔ **The *Neighborhoods Go Green!* exhibition explores the construction and certification of green neighborhoods.**
- ➔ **By thinking on a larger scale, we can reorganize the places we live and work and dramatically reduce the impact of our lives on our neighborhoods—and on planet Earth.**



Generous support for *Neighborhoods Go Green!* provided by:



THE RICHARD H. DRIEHAUS FOUNDATION

GRAND VICTORIA FOUNDATION

NEIGHBORHOODS GO GREEN! highlights green neighborhood design and certification.



Building a Greener Chicago

Can Chicago lead the world in the construction of green neighborhoods? Discover the strategies that would enable Chicago to meet this challenge.

Selecting a Smart Site

Where are the best locations for new green neighborhoods? Learn why selecting a site near schools, commercial centers, and existing infrastructure such as public transit is critical to creating sustainable communities.

Creating Lively Places

How do we design vibrant neighborhoods? Discover how a compact, walkable layout and a mix of shops and housing make lively places.

Integrating Buildings and Infrastructure

How can buildings and infrastructure work together to reduce waste and save energy? See how innovative water management and energy conservation strategies create greater sustainability than green buildings can achieve alone.

Rating the Neighborhood

How are green neighborhoods certified? Learn more about the LEED for Neighborhood Development rating system designed by the U.S. Green Building Council and its partners.

Designing a Model Green Neighborhood

What does a green community look like? Explore a detailed rendering of a model neighborhood that incorporates sustainable design practices.

CHICAGO ARCHITECTURE FOUNDATION

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